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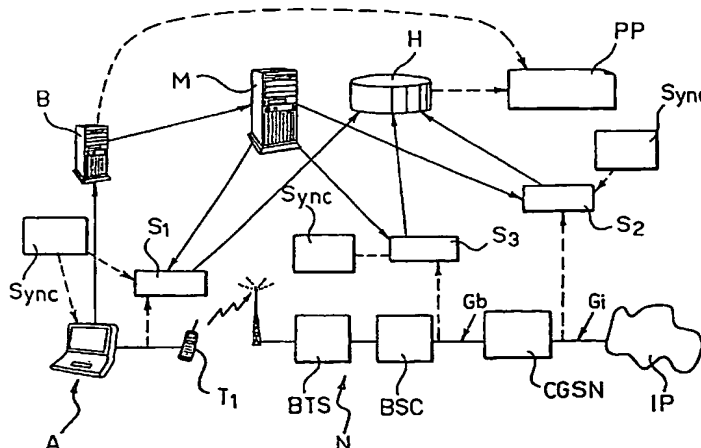
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Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA,*

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR MONITORING THE QUALITY OF SERVICE IN TELECOMMUNICATION NETWORKS, COMPONENTS AND COMPUTER PRODUCTS THEREOF



(57) Abstract: To measure the quality of service at the application level in a telecommunication network (N), a function (A) is provided for carrying out sessions at the application level on said network (N). Through this activation function (A), sessions are then carried out, measuring (F) and also storing (H_k in a set of points (S_1, \dots, S_k, S_n) of the network (N) data indicative of the behaviour of said network. The possible occurrence of critical situations relating to quality of service is verified (B) and, upon the occurrence of a said critical situation, a trigger signal (Trigger) is generated. By effect of the generation of said trigger signal, the data indicative of the behaviour of the network measured and stored in the aforesaid set of points of the network (N) are collected in centralised fashion (H). The data thus collected are indicative of the end-to-end quality of service of the network (N) itself. Preferential application to packet networks like mobile telephony network such as GPRS or UMTS networks.

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- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations
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